

# Multiplication

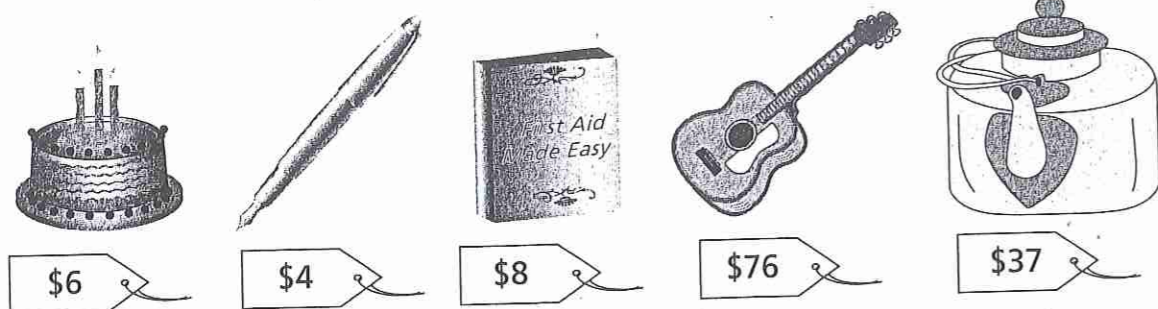
Name Jamison

Class \_\_\_\_\_ Date \_\_\_\_\_

**Progression Points**  
 2.25 Use of an array to model and answer facts to the 2, 5 and 10 times tables.  
 2.5 Automatic recall of 2, 5 and 10 times tables.  
 2.75 Representation of multiplication facts as a rectangular array and as the area of a rectangle.  
 3.0 Multiplication by single digits using recall of multiplication tables and multiples and powers of 10.  
 3.0+ Solve multiplication problems involving multiplication of 2-digit numbers by single digits.

4 Draw an array to model then answer the multiplications.

<p>a <math>5 \times 3 = 15</math></p>	<p>b <math>4 \times 6 = 24</math></p>
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5 Find the cost of these items.

- |                           |                             |                           |
|---------------------------|-----------------------------|---------------------------|
| a 5 pens = \$ <u>20</u>   | b 6 cakes = \$ <u>12</u>    | c 7 books = \$ <u>15</u>  |
| d 7 pens = \$ <u>10</u>   | e 6 books = \$ <u>14</u>    | f 9 cakes = \$ <u>15</u>  |
| g 10 cakes = \$ <u>16</u> | h 100 books = \$ <u>102</u> | i 30 cakes = \$ <u>36</u> |

6 Solve the problems.

<p>a How much would 8 kettles cost?</p> <p><u>\$45</u></p>	<p>b What would be the cost of 7 guitars?</p> <p><u>\$83</u></p>	<p>c What would be the cost of 4 guitars and 6 kettles?</p> <p><u>\$113</u></p>
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2.25 1 Use the arrays to answer the multiplication questions.

<p>a </p> <p><math>7 \times 2 = 14</math></p>	<p>b </p> <p><math>4 \times 5 = 20</math></p>	<p>c </p> <p><math>6 \times 5 = 30</math></p>	<p>d </p> <p><math>7 \times 10 = 70</math></p>
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2.5 2 Answer the facts.

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| a $5 \times 2 = 10$  | b $8 \times 2 = 14$  | c $6 \times 2 = 14$  |
| d $3 \times 5 = 15$  | e $7 \times 5 = 35$  | f $8 \times 5 = 40$  |
| g $4 \times 10 = 40$ | h $6 \times 10 = 60$ | i $9 \times 10 = 90$ |

2.75 3 Use the arrays to answer the multiplications.

<p>a </p> <p><math>5 \times 6 = 30</math></p>	<p>b </p> <p><math>6 \times 4 = 24</math></p>	<p>c </p> <p><math>7 \times 7 = 49</math></p>	<p>d </p> <p><math>9 \times 7 = 63</math></p>
<p>e </p> <p><math>4 \times 7 = 28</math></p>	<p>f </p> <p><math>6 \times 8 = 48</math></p>		

# Multiplication Pre Assessment

Jemisen 12/7/10

1.  $3 \times 3 = 6$  <sup>9</sup> 2.  $6 \times 4 = 18$  <sup>24</sup>

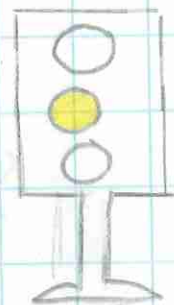
3.  $5 \times 6 = 30$  ✓ 4.  $9 \times 2 = 18$  ✓

5.  $13 \times 2 = 19$  <sup>26</sup>  
 $192$

6.  $28 \times 6 = 168$   
 $68$

7.  $136 \times 4 = 544$

154 <sup>544</sup>



I feel a little bit grumpy  
because I got four wrong and  
2 right

This is my numeracy goal

# Multiplacation with trading

Y emisen

P o s + A s s e s s m e n t

1	T	0		2	T	0		3	T	0		4	H	T	0		
	14	6			22	5			13	2			11	14	6		
x		3		x		4		x		5		x		2			
	15	8			16	0			20	0			60	2			
5	h	+	0	6	h	+	0										
	12	7	H		1	0	8										
x				x													
	7	6	4	2		8	2	2									
	Th	H	T	0		Th	H	T	0								
	1	2	0	4		22	H	5	9								
x					x												
	2	0	5	5		4	0	4	3								

9	Th	H	T	0
	212	5	7	6
x				
	14	1	1	8

